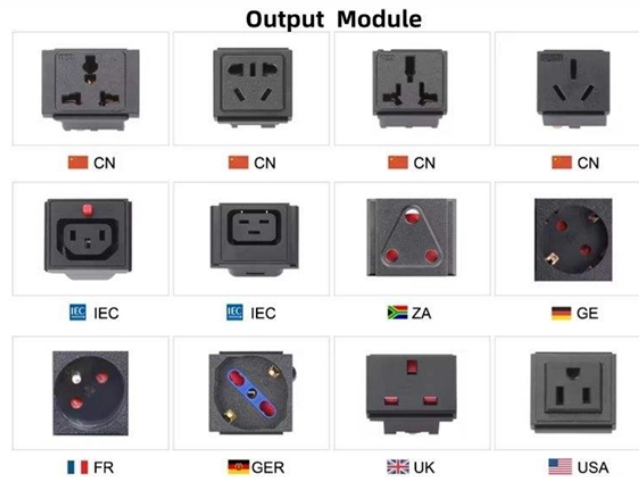


Russian Silicon Photonics Module



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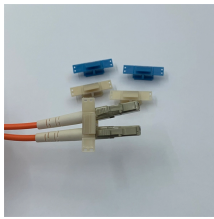
Overview

Rostec State Corporation's Roselektronika Holding has developed the first Russian silicon-based photomodules with a resolution of 4 megapixels. The products are designed for machine vision and video monitoring systems that can be used in extreme conditions, such as in the Arctic., May 04, 2026 (GLOBE NEWSWIRE) -- GlobalFoundries (Nasdaq: GFS) (GF) today announced the introduction of its SCALE™ optical module solution for co-packaged optics (CPO). GF's SCALE solution, or Silicon photonics Co-packaged Advanced Light Engine solution, is the industry's first Optical. Applications are accepted until May 30, and the first finished batch is promised in the third quarter of 2026 Russia is opening access to one of the key technologies of the future — photonic chips. The unique enterprise for Russia, created on the basis of the Moscow Photonics Centre, was visited by Minister of Industry and Trade Anton Alikhanov and Mayor of Moscow Sergey Sobyanin.

Russian Silicon Photonics Module



Specialists of the holding "Ruselectronics" (part of Rostec) have developed the first ultra-resistant photo modules on silicon crystals with a resolution of 4 MP. The product is designed for ...



GlobalFoundries (GF) has introduced an optical module solution for co-packaged optics (CPO). According to the company, the Silicon photonics Co-packag



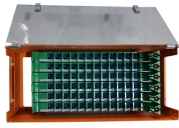
Rostec State Corporation's Roselektronika Holding has developed the first Russian silicon-based photomodules with a resolution of 4 megapixels. The products are designed for machine ...



Test production of photonic integrated circuits (PICs) has begun in Moscow. The unique enterprise for Russia, created on the basis of the Moscow Photonics Centre, was visited by Minister ...



SCALE CPO solution is the industry's first OCI MSA capable platform and built with GF's proven silicon photonics technology MALTA, N.Y., May 04, 2026 (GLOBE NEWSWIRE) -- ...



This was reported on the official website of the Ministry of Industry and Trade of Russia. The production capacity of the complex will amount to up to 2,000 wafers per year and 500,000 ...



A Skolkovo resident, PICsTech develops and markets Russian PIC-based modules for custom optical communication systems. These PICs can be used in coherent optical communication ...



Bauman Moscow State Technical University, together with VNIIA named after N. L. Dukhov, is launching a pilot production of photonic integrated circuits (PICs), and it will be free for ...



Here we provide an overview of modern approaches used in silicon integrated photonic technologies, describe the components of photonic integrated circuits and devices developed on their basis, and ...

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